

05/29/2013 - Wednesday				
Time	Type	Abstract #	Title	Speaker
7:30 - 8:30am	Breakfast	x	La Fonda Breakfast Buffet	Sponsored by NEB
8:30 - 8:45	Intro	x	Welcome Intro from Los Alamos National Laboratory	TBD
x	Session Chair	x	Session Chairs	Chair - Johar Ali Chair - Donna Muzny
8:45 - 9:30	Keynote	FF0093	Genomic Futurism	Richard Gibbs
9:30 - 9:50	Speaker 1	FF0064	Elucidating the Effects of the Deepwater Horizon Oil Spill on the Atlantic Oyster Using Global Transcriptome Analysis and GeneSifter	Todd Smith
9:50 - 10:10	Speaker 2	FF0081	New Tools for Comprehensive Exome Analyses Improves Clinical Utility of Exome Sequencing	Christian Buhay
10:10 - 10:30	Break	x	Beverages and Snacks Provided	Sponsored by DNAnexus
10:30 - 10:50	Speaker 3	FF0137b	Roche 454 sequencing --- (Roche)	Jim Knight
10:50 - 11:10	Speaker 4	FF0232	Illumina Next Generation Sequencing Sample Preparation Improvements -- (illumina)	Haley Fiske
11:10 - 11:30	Speaker 5	FF0229	Sequencing for All, Enabled by the Ion PGM™ and Ion Proton™ Systems --- (LifeTech)	Jason Affourtit
11:30 - 11:50	Speaker 6	FF0206	Emerging Applications and Roadmap for the PacBio RS II --- (PacBio)	Stephen Turner
11:50 - 12:40	Panel Discussion	x	Next Generation Sequencing Technology Panel Discussion	Chair - Bob Fulton Chair - Patrick Chain
12:40 - 2:00pm	Lunch	x	Coronado Lunch Buffet	Sponsored by PacBio
x	Session Chair	x	Session Chairs	Chair - Tina Graves Chair - Bob Fulton
2:00 - 2:20	Speaker 7	FF0158	Bioinformatic Applications of PacBio Long Reads to Genomic Sequencing and Finishing	Adam English
2:20 - 2:40	Speaker 8	FF0039	Optical Mapping Aids Contig Localization and Order: Lessons Learned from Applying it to the Unusual Region of Chromosome 4q in Zebrafish	Jonathan Wood
2:40 - 3:00	Speaker 9	FF0157	A High-Throughput Pipeline for Improving Assemblies with Optical Maps	Elliott Drábek
3:00 - 3:20	Speaker 10	FF0124	Self-Validating Technology-Agnostic Genome Assembly	Bud Mishra
3:20 - 3:40	Speaker 11	FF0099	De Novo Mapping with Single-Molecule Detection In Solid-State Detectors	John Oliver
3:40 - 4:00	Break	x	Beverages and Snacks Provided	Sponsored by BioNano
4:00 - 6:00pm	Tech Time Talks (15 min each)	FF0212	Developing 400-base Sequencing for the Ion PGM™	Daniel Mazur
		FF0031	Irys: De Novo Assembly and Structural Variation Detection in Complex Genomes Using Extremely Long Single-Molecule Imaging	Harper VanSteenhouse
		FF0044	Genome Mapping in Nanochannel Arrays for Sequence Assembly and Structural Variation Analysis	Ernest Lam
		FF0074	1000 Cancer Gene Panel for Clinical Next Generation Sequencing	Yilin Zhang
		FF0101a	Meeting the Challenges of High-throughput Library Construction for Illumina Sequencing from Low-input and FFPE Samples: Engineered Enzymes and Optimized, Automated Protocols	Maryke Appel
		FF0104	Direct Selection of Microbiome DNA from Host DNA	Bradley Langhorst
		FF0216	qRNA-Seq™ - High Precision Gene Expression Analysis Using Molecular Indexing	Masoud Toloue
		FF0156	Getting to Q60 with Pure PacBio(r) Long Reads	David Alexander
6:00 - 7:30pm	Posters - Even #s Meet & Greet Party	EVEN #s	Poster Session with Meet & Greet Party (Sponsored by Roche) Food & Drinks	Sponsored by Roche 6:00pm - 9:00pm
7:30 - 9:00pm	Posters - Odd #s Meet & Greet Party	ODD #s	Poster Session with Meet & Greet Party (Sponsored by Roche) Food & Drinks	Sponsored by Roche 6:00pm - 9:00pm
9:00 - bedtime	on your own	x	Night on your own - enjoy	x